

**15U620**

(Pages: 2)

Name: .....

Reg. No. ....

**SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, MARCH 2018**

(CUCBCSS-UG)

**CC15U ZO6 E02 - AQUACULTURE, ANIMAL HUSBANDRY AND POULTRY**

Zoology - Elective

(2015 Admission)

Time: Three Hours

Maximum: 80 Marks

**A.** Answer *all* questions. Each question carries 1 mark.

1. Name a dual purpose cattle breed.
2. Name the causative organism of Pullorum disease.
3. The scientific name of green mussel.
4. Name the product prepared from shark skin.
5. The induced breeding technique in fish.
6. Name the plankton that causes red tide.
7. Father of white revolution.
8. Name a byproduct prepared from the exoskeleton of crustaceans.
9. Traditional prawn culture method in Kerala.
10. Polyunsaturated fatty acid present in fish oil.

**(10 x 1 = 10 Marks)**

**B.** Answer any *ten* questions. Each question carries 2 marks.

11. Write an account on Holstein-Friesian breed of cattle.
12. What is milk adulteration?
13. Write about Vechur cow and its conservation programme.
14. Write an account on shark fishery of India.
15. Write notes on silver carp.
16. What is the principle of eyestalk ablation technique?
17. Explain the raft culture of sea mussels.
18. What is purse seine?
19. Explain post mortem biochemical changes in fish.
20. Differentiate between skimmed milk and toned milk.
21. Explain the role of phytoplankton in fish production.
22. Explain Ranikhet disease.

**(10 x 2 = 20 Marks)**

**C.** Answer any *five* questions. Each question carries 6 marks.

23. Explain the scope of aquaculture in India and Kerala.
24. Explain any two indigenous and exotic poultry breeds.
25. What is the role of dairy development in rural economy? Add a note on White revolution.
26. Explain the fish finding devices used in fishing industry.
27. Explain the aquarium management methods. Add a note on breeding of angel fish.
28. Explain the cryopreservation technique of fish germplasm. What are its applications?
29. Write an account on bacterial and fungal infection in fish. What are the control measures?
30. Explain the nutritive value of egg and various by products from poultry.

**(5 x 6 = 30 Marks)**

**D.** Write essays on any *two* of the following. Each question carries 10 marks.

31. Write an essay on prawn culture methods
32. Explain various fish preservation methods
33. Explain the poultry farming techniques
34. Give an overview of cattle breeding in India and important dairy products

**(2 x 10 = 20 Marks)**

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